### ****Trainer Properties****

Each trainer has the following attributes:

Trainer ID

Name

Phone

Email

Stream

Skills

**Steps to Build the App**

**Create a React App**

npx create-react-app TrainersApp

**Add Trainer Class**  
In src/trainer.js:

class Trainer {

constructor(id, name, email, phone, technology, skills) {

this.trainerId = id;

this.name = name;

this.email = email;

this.phone = phone;

this.technology = technology;

this.skills = skills;

}

}export default Trainer;

**Create Mock Data**  
In src/TrainersMock.js:

javascript

import Trainer from './trainer';

const trainers = [

new Trainer(1, "John Doe", "john@example.com", "1234567890", "Java", ["Spring", "Hibernate"]),

new Trainer(2, "Jane Smith", "jane@example.com", "9876543210", "Python", ["Django", "Flask"]),

new Trainer(3, "Michael", "michael@example.com", "1231231234", "React", ["Hooks", "Router"])

];

export default trainers;

**Install React Router**

bash

CopyEdit

npm install react-router-dom

**Trainers List Component (**TrainerList.js**)**

import React from "react";import { Link } from "react-router-dom";

function TrainersList({ trainers }) {

return (

<div>

<h2>Trainers List</h2>

<ul>

{trainers.map((trainer) => (

<li key={trainer.trainerId}>

<Link to={`/trainer/${trainer.trainerId}`}>{trainer.name}</Link>

</li>

))}

</ul>

</div>

);

}

export default TrainersList;

**Home Component (**Home.js**)**

function Home() {

return (

<div>

<h2>Welcome to Trainers App</h2>

<p>Use the navigation menu to explore trainers.</p>

</div>

);

}

export default Home;

**Trainer Detail Component (**TrainerDetails.js**)**

import React from "react";import { useParams } from "react-router-dom";import trainers from "./TrainersMock";

function TrainerDetail() {

const { id } = useParams();

const trainer = trainers.find(t => t.trainerId === parseInt(id));

if (!trainer) return <p>Trainer not found</p>;

return (

<div>

<h2>{trainer.name}</h2>

<p>Email: {trainer.email}</p>

<p>Phone: {trainer.phone}</p>

<p>Technology: {trainer.technology}</p>

<p>Skills: {trainer.skills.join(", ")}</p>

</div>

);

}

export default TrainerDetail;

**Update App Component (**App.js**)**

import React from "react";import { BrowserRouter, Routes, Route, Link } from "react-router-dom";import Home from "./Home";import TrainersList from "./TrainerList";import TrainerDetail from "./TrainerDetails";import trainers from "./TrainersMock";

function App() {

return (

<BrowserRouter>

<nav>

<Link to="/">Home</Link> | <Link to="/trainers">Trainers</Link>

</nav>

<Routes>

<Route path="/" element={<Home />} />

<Route path="/trainers" element={<TrainersList trainers={trainers} />} />

<Route path="/trainer/:id" element={<TrainerDetail />} />

</Routes>

</BrowserRouter>

);

}

export default App;



